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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

Complete if Known							
Application Number	10/667,296						
Filing Date	September 17, 2003						
First Named Inventor	Power, David						
Art Unit	3654						
Examiner Name	Not yet assigned						
Attorney Docket Number	022272-000110US						

			U.S. PATENT DO	CUMENTS+	
		Document Number			
Examiner Initials*	Cite No.	Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
ESP	AA	US-6,029,951	02/29/2000	M. Guggari	
	AB	US-			
	AC	US-			
	AD	US-			
	AE	US-			
	AF	US-			
	AG	US-			
	AH	US-			
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	AR	US-			
	AS	US-			
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				FOREIGN PA	TENT DOCUME	NTS			
Examiner Initials*	0.11-	For	eign Patent Doo	zument		Name of Betantan as	Pages, Columns, Lines,	1	
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Examiner Signature	Date Considered	05/05/2005

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached. 60395011 v1

FORM PTO-1449 (modified) To: U.S. Department of Commerce (PW FORM PAT-1449) Patent and Trademark Office						Atty. M# Dkt. No.					Cı	Client Ref.						
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	CR	2,136,356		11/19	938	Hild				·		<u> 255</u>	19)		12/31/35	5	
	DR	2,688,871		09/19	954	Lubins	ski					73	15	1.5	5	01/03/49		
	ER	3,031,169		04/19	62	Robin	son					<u> 254</u>	17			07/06/59		
	FR	3,039,543		06/19	62	Loock	е	::				175		26		11/12/57		
\vdash	GR	3,155,172		11/19		Kazmi	<u>in</u>					<u> 173</u>	6	6		04/13/61		
	HR	3,324,717		06/1967 Brooks			s					73		152		10/28/63		
<u> </u>	IR	3,550,697		12/19		Hobhouse						<u>175</u>	26			04/25/67	1/25/67	
 	JR	4,491,186			01/1985 Alder			· · · · · · · · · · · · · · · · · · ·				<u> 175</u>	\rightarrow	26		11/16/82		
	KR	4,535,972		08/1985 Millheim		im					+		277		11/09/83			
	LR	4,662,608		05/1987 Ball								254		273		09/24/84		
		4,825,962				Girault				$\overline{}$	+		26		09/15/87			
	NR	4,875,530		10/1989 Frink							175		27		03/24/89			
	OR	4,886,129				Bourd		······································				175		40		02/26/88		
	PR	5,474,142		12/19		Bowden										04/19/93		
USAR	QR	6,192,998		02/20	001	Pincka	ard	<u>l</u>					175 27					
FOREIGN	PAT	ENT DOCUMENT Document	TS Date		Coun	trv	Inve	entor Name					Englis Abstra			Translation Readily Available		
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		SPE/IADC Drillin															╁	
		YOUNG, Jr., F.S.; "Computerized Drilling Control" J. of Petroleum Technology; April 1969; pp. 483-496																
	UR	BRETT, J. F.; WARREN, T.M. and WAIT, D.E.; "Field Experiences with Computer-Controlled Drilling" Society of Petroleum Engineers; March 8-9, 1990; pp. 197 - 212																
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Examiner	5			<u> </u>	2002	יאקי. וי		Date Consider	od.	05	7 ₀ 5	-1,	2005	_			<u></u>	
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